

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039639.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 11:32
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 13:20:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.743	2114046	18.895 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
6) S 2-Fluorobiphenyl (SURR)	8.612	1420396	18.940 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.88%
11) S ortho-Terphenyl (SURR)	11.655	2327222	18.817 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	2303179	18.595 ug/ml
2) T Naphthalene (C11.7)	6.079	2400844	18.774 ug/ml
3) T 2-Methylnaphthalene (...)	7.133	2446596	18.831 ug/ml
5) T Acenaphthylene (C15.06)	8.414	2275475	18.951 ug/ml
7) T Acenaphthene (C15.5)	8.710	2433967	19.112 ug/ml
8) T Fluorene (C16.55)	9.493	2328463	18.956 ug/ml
9) T Phenanthrene (C19.36)	10.894	2279518	19.004 ug/ml
10) T Anthracene (C19.43)	10.970	2260816	18.875 ug/ml
12) T Fluoranthene (C21.85)	12.711	2259635	18.955 ug/ml
13) T Pyrene (C20.8)	13.010	2168643	19.074 ug/ml
14) T Benzo[a]anthracene (C...	14.883	1906075	19.501 ug/ml
15) T Chrysene (C27.41)	14.926	2185301	19.195 ug/ml
16) T benzo[b]fluoranthene ...	16.436	1981899	20.146 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.468	2069882	19.560 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.817	1862159	19.321 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.184	1718577	18.437 ug/mlm
20) T Dibenz[a,h]anthracene...	18.220	2000743	19.534 ug/ml
21) T Benzo[g,h,i]perylene ...	18.437	1925781	19.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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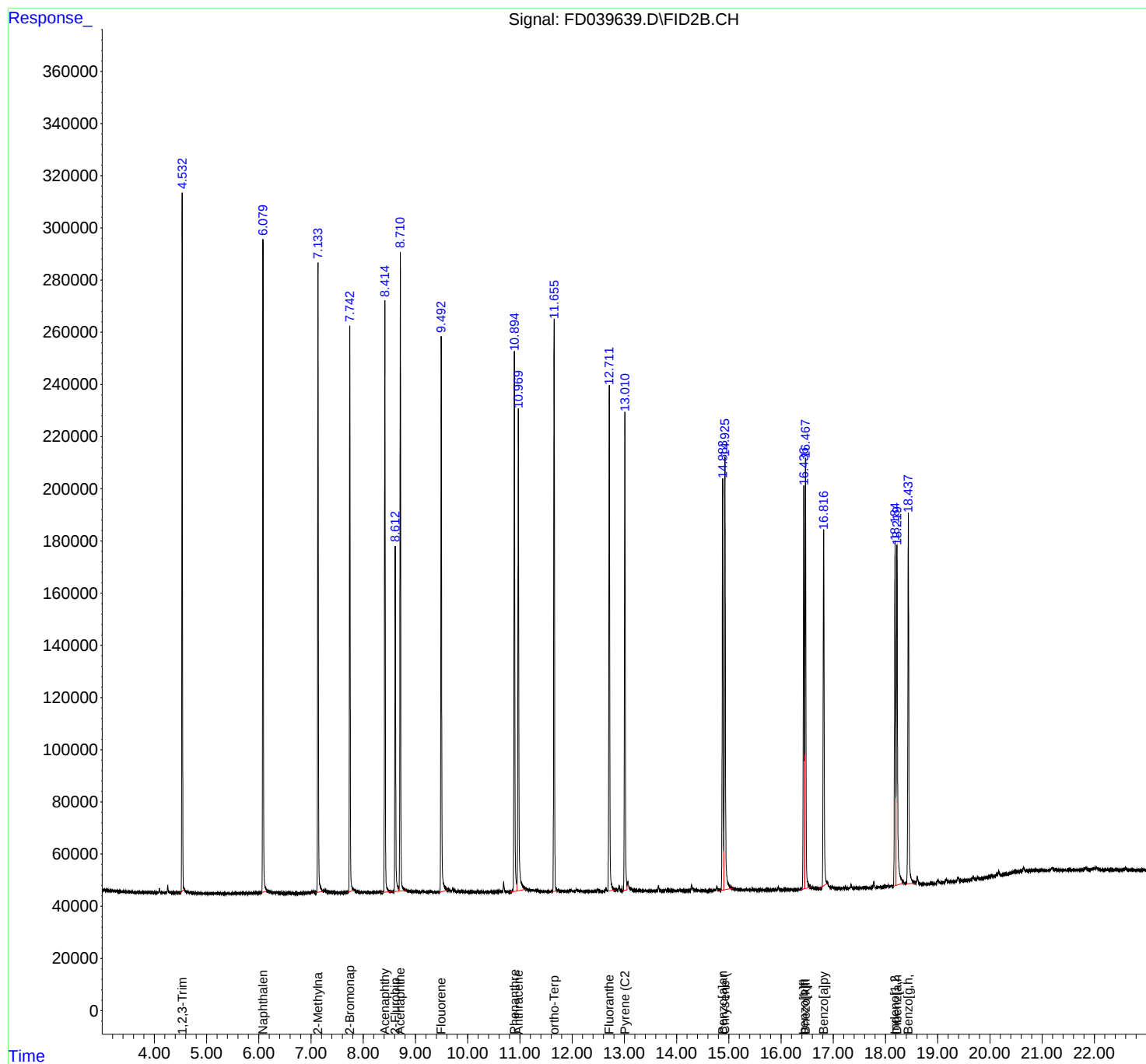
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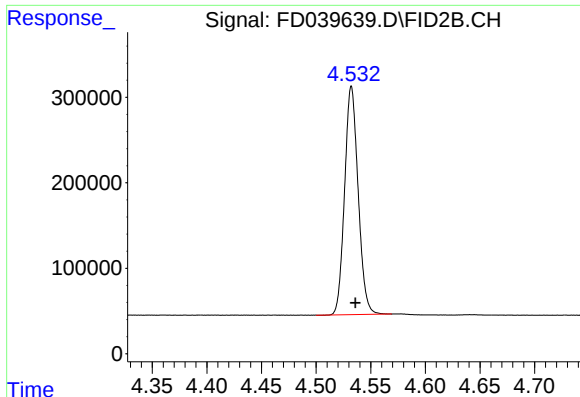
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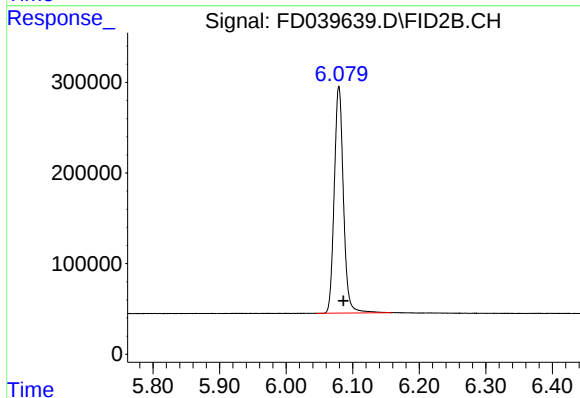
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.532 min
Delta R.T.: -0.004 min
Response: 2303179
Conc: 18.60 ug/ml

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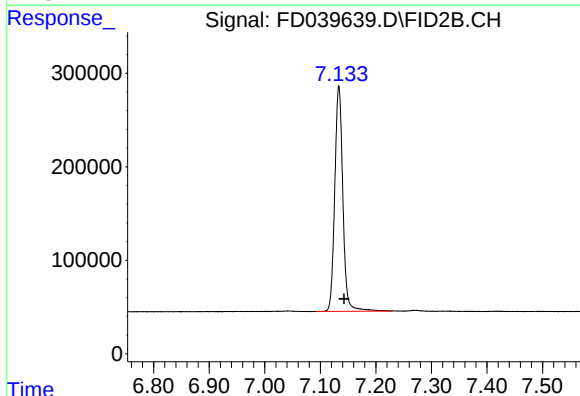
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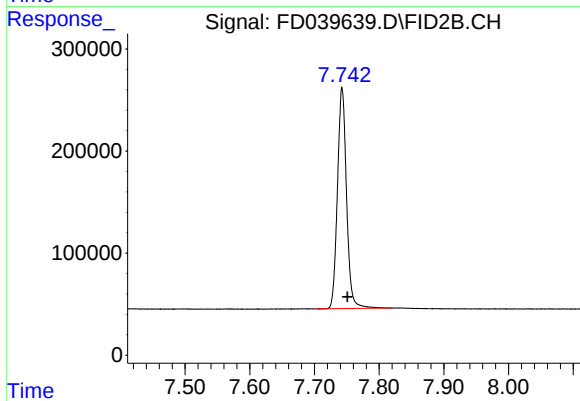
#2 Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.007 min
Response: 2400844
Conc: 18.77 ug/ml



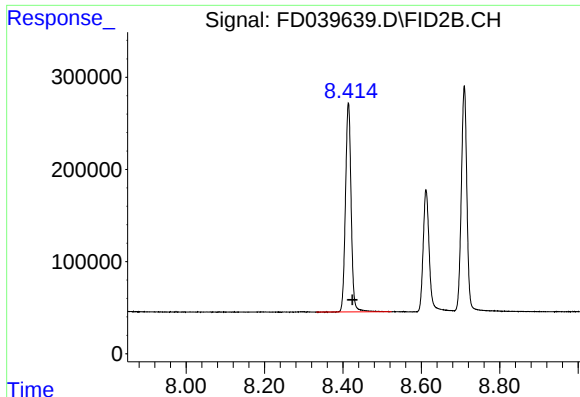
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: -0.009 min
Response: 2446596
Conc: 18.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.743 min
Delta R.T.: -0.008 min
Response: 2114046
Conc: 18.90 ug/ml



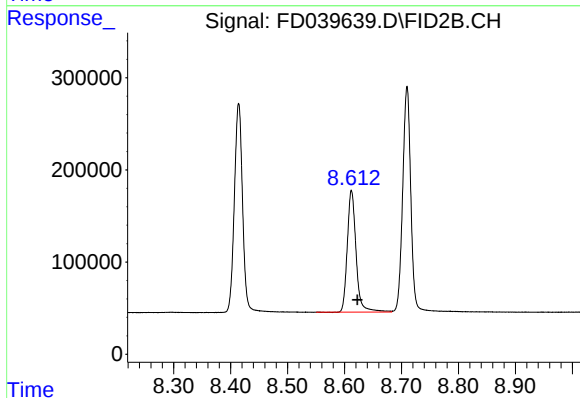
#5 Acenaphthylene (C15.06)

R.T.: 8.414 min
Delta R.T.: -0.010 min
Response: 2275475
Conc: 18.95 ug/ml

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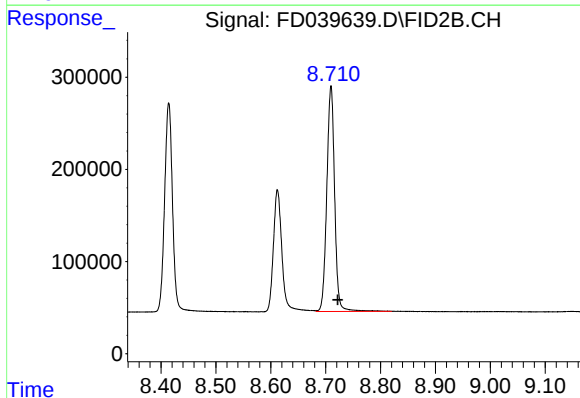
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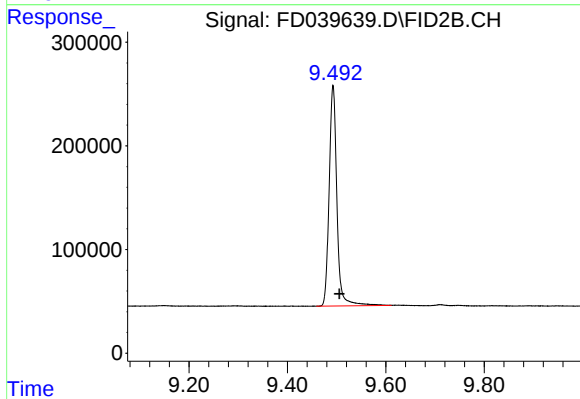
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.612 min
Delta R.T.: -0.010 min
Response: 1420396
Conc: 18.94 ug/ml



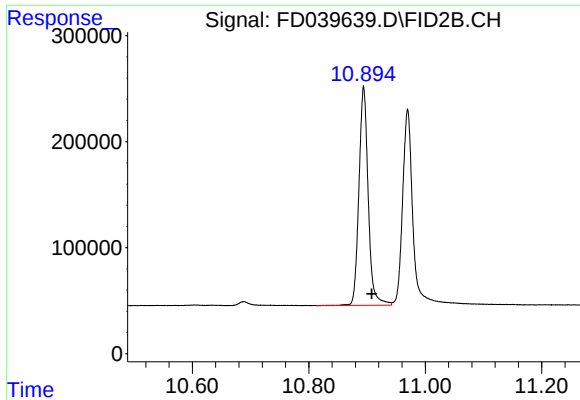
#7 Acenaphthene (C15.5)

R.T.: 8.710 min
Delta R.T.: -0.012 min
Response: 2433967
Conc: 19.11 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.493 min
Delta R.T.: -0.013 min
Response: 2328463
Conc: 18.96 ug/ml



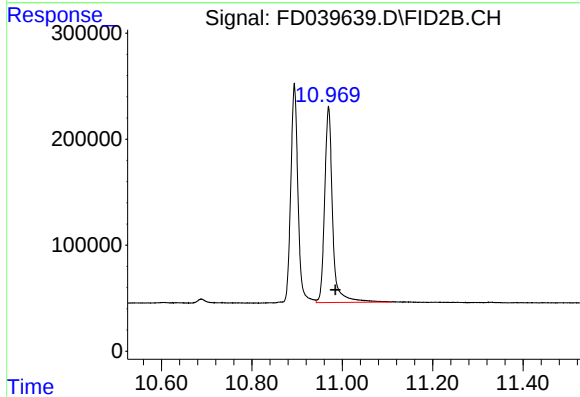
#9 Phenanthrene (C19.36)

R.T.: 10.894 min
Delta R.T.: -0.014 min
Response: 2279518
Conc: 19.00 ug/ml

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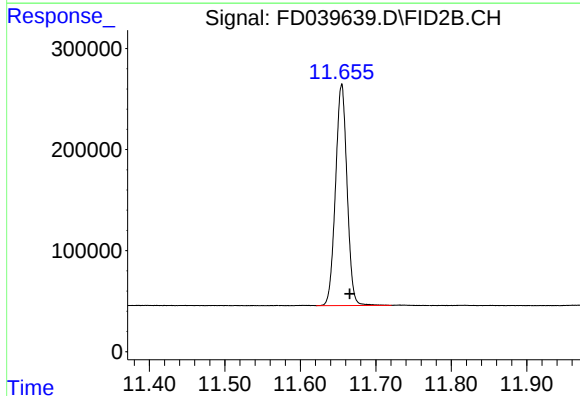
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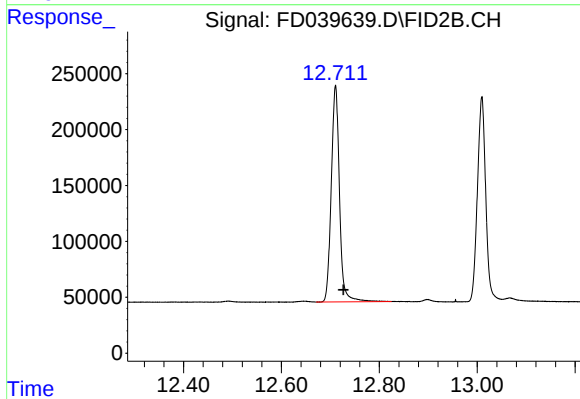
#10 Anthracene (C19.43)

R.T.: 10.970 min
Delta R.T.: -0.015 min
Response: 2260816
Conc: 18.88 ug/ml



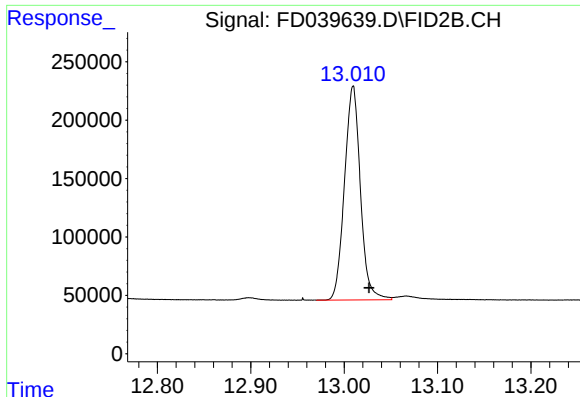
#11 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: -0.011 min
Response: 2327222
Conc: 18.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.711 min
Delta R.T.: -0.016 min
Response: 2259635
Conc: 18.95 ug/ml



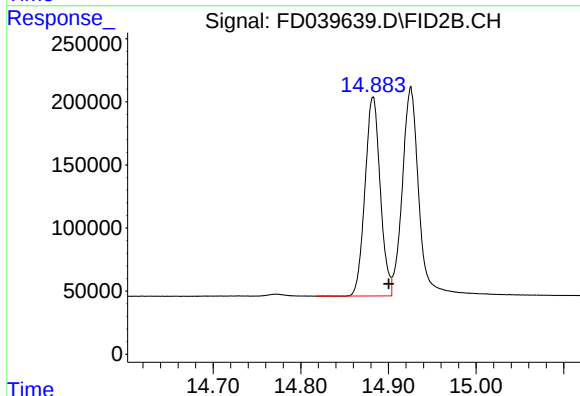
#13 Pyrene (C20.8)

R.T.: 13.010 min
Delta R.T.: -0.017 min
Response: 2168643
Conc: 19.07 ug/ml

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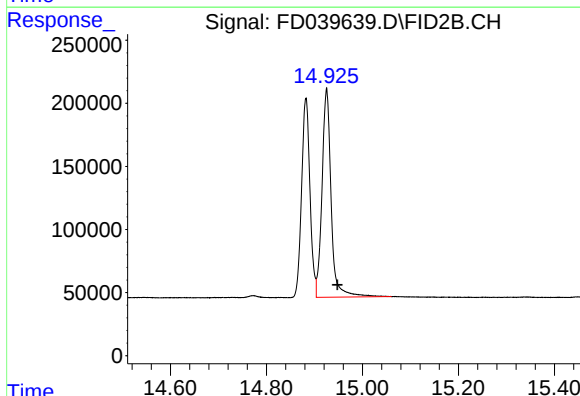
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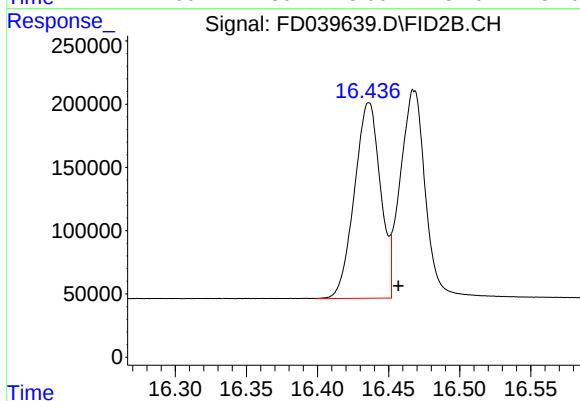
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.883 min
Delta R.T.: -0.018 min
Response: 1906075
Conc: 19.50 ug/ml



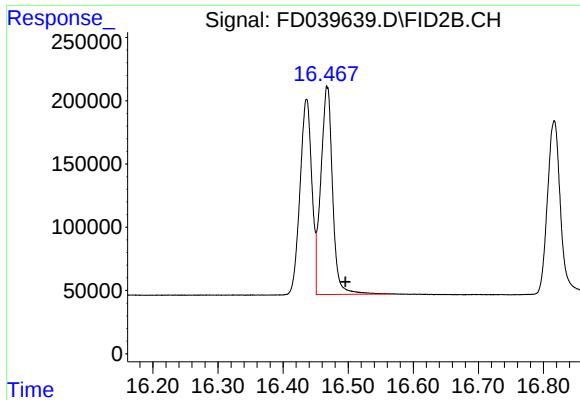
#15 Chrysene (C27.41)

R.T.: 14.926 min
Delta R.T.: -0.023 min
Response: 2185301
Conc: 19.19 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.436 min
Delta R.T.: -0.021 min
Response: 1981899
Conc: 20.15 ug/ml m



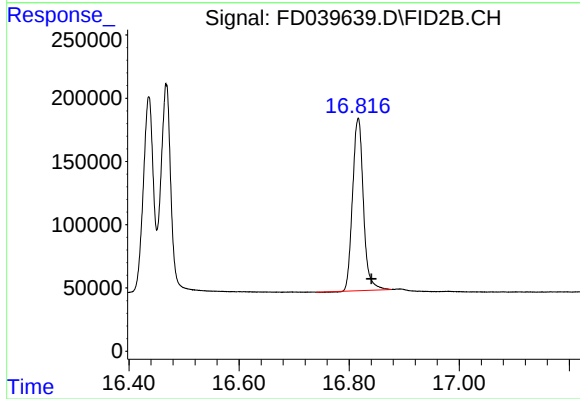
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.468 min
Delta R.T.: -0.028 min
Response: 2069882
Conc: 19.56 ug/ml

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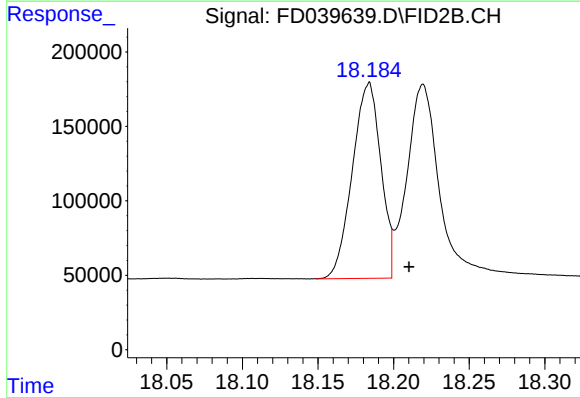
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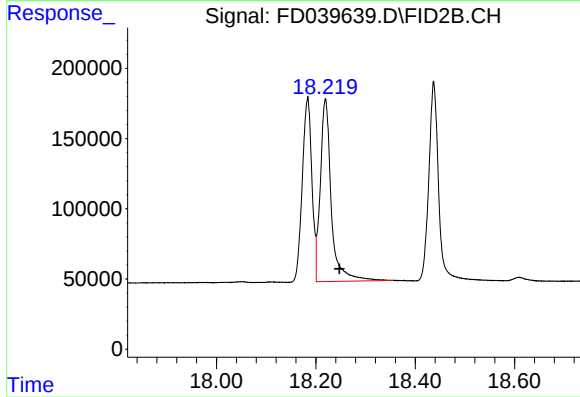
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.817 min
Delta R.T.: -0.024 min
Response: 1862159
Conc: 19.32 ug/ml



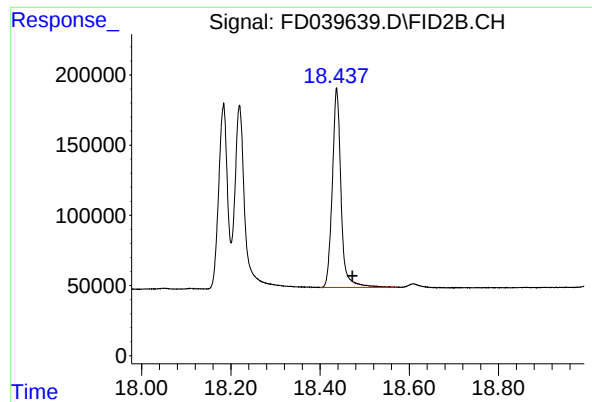
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.184 min
Delta R.T.: -0.026 min
Response: 1718577
Conc: 18.44 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.220 min
Delta R.T.: -0.028 min
Response: 2000743
Conc: 19.53 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.437 min
Delta R.T.: -0.035 min
Response: 1925781
Conc: 19.48 ug/ml

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